

MASLOV, P.G.

Latest in the methods of studying the physicochemical properties
of substances. Khim.prom. no.8:539-544 Ag '61. (MIRA 14:8)
(Organic compounds) (Thermochemistry)

36645

S/064/62/000/003/005/007
B110/B138

11.5.100

AUTHOR:

Maslov, P. G.

TITLE:

Determination of the combustion heat of organic compounds
containing nitrogen and oxygen

PERIODICAL: Khimicheskaya promyshlennost', no. 3, 1962, 33-38

TEXT: The author tried out Yu. P. Maslov's method (ZhFKh, 32, 1715 (1958),
ibid. 35, 164 (1961), ibid. 35, 7 (1961) to derive approximate general
formulas for direct determination of the combustion heat of numerous com-
pounds at 20°C and 1 atm. The combustion products are CO₂, H₂O, and N₂.
The combustion heat of liquid ether, ketones, and liquid and solid acids
can be described by formulas derived by P. G. Maslov's method (Uspekhi
khimii, 25, 1069 (1956), which express the additivity of the combustion
heat according to the methylene group CH₂ recurring in the radical chain
n-C_nH_{2n+1}. The combustion heat of secondary (n-C_nH_{2n+1})₂NH and tertiary

Card 1/5

Determination of the combustion...

S/064/62/000/003/005/007
B110/B138

$(n-C_nH_{2n+1})_3N$ amines in the liquid phase were determined from equations derived from $B_i = 1/S \sum_j \delta_j B_j$ (9), where B_i is the magnitude of the property of the i -th compound $APR_{n_r}^r$ of interest to us, B_j is the magnitude of this property of the initial compound AR_n^r ($r = 1, 2, 3, \dots$), S is the valency of the coordinating group A common to a homolog series, δ_j is the numerical coefficient at B_j , $S = \sum_j \delta_j$. From (9) the author obtained numerical values and formulas for calculating the physical and chemical characteristics of completely substituted compounds from those of partially substituted ones.

Card 2/5

Determination of the combustion...

S/064/62/000/003/005/007
B110/B138

$$(-\Delta H_{cr})(C_nH_{2n+1})NR'R'' = \frac{1}{3} [(-\Delta H_{cr})(C_nH_{2n+1})_2N + (-\Delta H_{cr})_{R_2N} + (-\Delta H_{cr})_{R_2N}^I]$$

или с учетом формулы (7)

$$(-\Delta H_{cr(m)}) (C_nH_{2n+1})NR'R'' = \left[29,04 + \frac{(-\Delta H)_{R_2N} + (-\Delta H_{cr})_{R_2N}}{3} + 156,263n \right] \quad (11)$$

is derived for calculating the combustion heat of amines $C_nH_{2n+1}NR'R''$ and $(C_nH_{2n+1})_2NR'$, where R = the alkyl radicals $n-C_nH_{2n+1}$; R', R'' = CH₃, COOH, COH, NO₂, NH₂, C₆H₅, Cl, Br, F, etc. The values for $(n-C_nH_{2n+1})NR'$ are calculated from

Card 3/5

Determination of the combustion...

S/064/62/000/003/005/007

B110/B138

$$(-\Delta H_{cr(m)})_{(C_n H_{2n+1})NR'} = \frac{1}{3} [2(87.12 + 156,263 \cdot 3n) +$$

$$+ (-\Delta H_{cr})_{R'_2N}] = 58,08 + \frac{(-\Delta H_{cr})_{R'_2N}}{3} + 156,263 \cdot 2n \quad (12)$$

Any physical or chemical characteristic of ROH-type compounds will be half the corresponding value for R_2O :

$$(-\Delta H_{cr})_{ROH} = \frac{1}{2} [(-\Delta H_{cr})_{R_2O} + (-\Delta H_{cr})_{H_2O}] =$$

$$= \frac{1}{2} (-\Delta H_{cr})_{R_2O} \quad (13)$$

$(-\Delta H_{cr})_{(C_n H_{2n+1})OH} = 12.10 + 156.263n$ (14) with ΔH_{cr} being the combustion heat, is derived for the combustion heat of primary alcohols in the liquid phase. (13) yields $(-\Delta H_{cr})_{ROR'} = 1/2 [(-\Delta H_{cr})_{R_2O} + (-\Delta H_{cr})_{R'_2O}]$ (13) X

Card 4/5

Determination of the combustion...

S/064/62/000/003/005/007
B110/B138

for the combustion heat of mixed ethers. The combustion heats of alcohols, ethers, ketones, aldehydes, compound amines and amides, glycols etc, can thus be calculated with an error of $\pm 0.1 - 1\%$ if the known combustion heats are used as initial values. There are 6 tables. The English-language reference reads as follows: C. D. Hodgman et al. " Handbook of Chemistry and Physics", CO, v. 2, 37 th ed., 1955-1956, Chem. Rubber Publ.

Card 5/5

X

MASLOV, P.G.

Determination of the heats of combustion of nitrogen- and
oxygen-containing. Khim.prom. no.3:185-190 Mr '62. (MIRA 15:4)
(Organic compounds) (Heat of combustion)

MASLOV, P.G.; MASLOV, Yu.P.

Determination of the heats of combustion and evaporation of
benzene derivatives. Khim. prom. no.8:594-596 Ag '63.
(MIRA 16:12)

L 10670-63

EWI(m)/BDS--AFFTC

S/079/63/033/004/001/010

AUTHOR:

Maslov, P.G.

49

TITLE:

Heats of formation of some boron²¹ compounds in the liquid phase

PERIODICAL:

Zhurnal obshchey khimii, v. 33, no. 4, 1963, 1054-1055

TEXT:

The author obtains values of the heat of formation for a series of compounds which contain boron and are in the liquid phase at 25 degrees K and 1 atmosphere. The data which is obtained is considered to be highly reliable since the author's method has been tested on numerous classes of compounds. There is 1 table.

SUBMITTED:

September 28, 1962

kes/...
Card 1/1

MASLOV, P.G.

Thermodynamic characteristics of uranium halides UF_3Cl ,
 UF_2Cl_2 , $UFCl_3$. Zhur. neorg. khim. 9 no.9:2076-2078 S 164.
(MIRA 17:11)

1. Leningradskiy gosudarstvennyy pedagogicheskiy institut
imeni Gertsena, kafedra obshchey fiziki.

L 36830-66 EWT(m)/EWP(t)/ETI IJP(c) ES/WW/JW/JD/JG

ACC NR: AP6014090 SOURCE CODE: UR/0079/65/035/012/2112/2115

AUTHOR: Maslov, P. G.; Maslov, Yu. P.

57
B

ORG: Leningrad State Pedagogic Institute im. A. I. Gertsen
(Leningradskiy gosudarstvennyy pedagogicheskiy institut)

TITLE: Heat of formation of some halides of thorium, protoactinium,
uranium, neptunium, and americium

SOURCE: Zhurnal obshchey khimii, v. 35, no. 12, 1965, 2112-2115

TOPIC TAGS: heat of formation, halide, protoactinium, uranium, thorium,
neptunium, americium

ABSTRACT: The present article contains calculations of the heat of formation of the above compounds based on previously published literature data. Extensive tables give values of the heat of formation for approximately 240 distinct compounds. It is stated that the accuracy of the figures given is not always too great. The possible absolute error in the calculation is of the order of $\pm 5-10$ kcal/mole, but not greater. Orig. art. has: 3 tables.

SUB CODE: 07, 20/ SUBM DATE: 19Oct64/ ORIG REF: 010/ OTH REF: 003

Card 1/1

UDC: 511.115:546.79

MASLOV, P.G.

Methods of determining molecular refractions of chemical
compounds. Zhur. fiz. khim. 38 no.2:304-312 F '64.

(MIRA 17:8)

1. Leningradskiy gosudarstvennyy pedagogicheskiy institut
imeni Gertsena.

ANTONOV, A.A.; MASLOV, P.G. (Leningrad)

Thermodynamic properties of some aldehydes, ketones, and carboxylic acids. Zhur. fiz. khim. 38 no.3:600-605 Mr '64.
(MIRA 17:7)

MASLOV, P.I.

New method for fastening pinion gears on shaving machines.
Avt. prom. 30 no.3:42 Fr '64. (MIRA 17:6)

1. Gor'kovskiy avtomobil'nyy zavod.

MASLOV, P.N.

Diagnostika i lechenie kishechnoi neprokhodimosti (Diagnosis and therapy of intestinal obstruction). Minsk, Gosizdat BSSR, 1953. 142 p.

SO: Monthly List of Russian Accessions, Vol 7, No 9, Dec 1954

MASLOV, P.M., prof.; SEOTT, A.V. assistant

Diagnosis and treatment of tumors of the thoracic cavity. Zdrav.
Belor. 5 no.2:29-32 F '59. (MIRA 12:7)

1. Fakul'tetskaya khirurgicheskaya klinika Minskogo meditsinskogo
instituta.

(CHEST--TUMORS)

~~MASLOV, P.N., prof.~~

Anesthesia in intrathoracic surgery. Zdrav. Bel. 6 no.12:8-10 D
'60. (MIRA 14:1)

1. Kafedra fakul'tetskoy khirurgii Minskogo meditsinskogo instituta.
(CHEST—SURGERY) (ANESTHESIA)

MASLOV, P.N., prof.

Diagnosis and treatment of acute pancreatitis. Zdrav. Bel. 7 no.9:
66-69 S '61. (MIRA 14:10)

(PANCREAS—INFLAMMATION)

MASLOV, P. N., prof.; AVDEY, L. V.

Surgery for acute cholecystitis. *Khirurgia* 37 no.7:9-15 J1 '61.
(MIRA 15:4)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. P. N. Maslov) Minskogo meditsinskogo instituta.

(GALL BLADDER SURGERY)

MASLOV, P.N., doktor med.nauk, prof.; KOZLOVSKIY, P.A., kand.med.nauk

Closed trauma of the skull. Zdrav. Bel. 8 no.4:15-17 Ap '62.
(MIRA 15:6)

1. Minskiy meditsinskiy institut, kafedra fakul'tetskoy
khirurgii.

(SKULL—WOUNDS AND INJURIES)

MASLOV, P.N., prof.; PODNEVICH, I.R., kand. med. nauk

Diagnosis of calculous cholecystitis. Sov. med. 28 no.6:26-
30 Je '65. (MIRA 18:8)

1. Kafedra fakul'tetskoy khirurgii (zav.- prof. P.N. Maslov)
Minskogo meditsinskogo instituta.

MASLOV, P. P.

11076

USSR Working Conditions 3407.0100 Jan/Feb 1947

"Labor Savings and the Distribution of Profits," P.
P. Maslov, 18 pp

"Is Ak Bank Otdel Ekon i Prava" No 1

A highly technical analysis of the statistical methods employed by the USSR today with reference to the pre-revolutionary systems. Charts, graphs and formulas presented to demonstrate the methods for ascertaining labor savings and distribution of profits in the USSR.

18

11076

MASLOV, P.P.

MASLOV, P.P.; PISAREV, I.Yu., professor, redaktor; KHEYNIN, G.S.; MOSKVI-
CHEVA, N.I., tekhnicheskiy redaktor

[Critical analysis of bourgeois statistical publications] Kriti-
cheskii analiz burshuasnykh statisticheskikh publikatsii. Moskva,
Izd-vo Akademii nauk SSSR, 1955. 477 p. (MLRA 9:1)
(Statistics)

MASLOV, P.P.

Statistical practice in the study of consumer demand. Uch.zap.
po stat. 1:257-288 '55. (MLRA 9:11)
(Consumption (Economics))

MASLOV, P. P.

"Some Specific Features of Workers' Budgets."

paper submitted at 31st International Statistical Institute, Brussels, 2-8 Sep '58.

MASLOV, P. P.

"Study of the Time Budget."

report presented at the 32nd Session of the International Statistical Institute,
Tokyo, Japan, 30 May-9 Jun 60.

MASLOV, P. P.

"ECONOMETRIC MODELS IN TRADE TURNOVER PLANNING"

Report submitted to the Soviet Bloc Presentations at the
33rd Session of the International Statistical Institute
Pertaining to Economical Statistical Processes.
Paris, France 29 Aug. - 7 Sep 61

MASLOV, Pavel Petrovich, prof.; SHENTSIK, Ye.M., red.; IL'YUSHENKOVA,
T.P., tekhn. red.

[Technique of work with figures; practical instructions] Tekh-
nika raboty s tsiframi; prakticheskie ukazaniia. Moskva, Gos-
statizdat, 1962. 71 p. (MIRA 15:4)
(Arithmetic, Commercial)

ALLAKHVERDYAN, D.A., prof.; AMINOV, A.M., doktor ekon. nauk; AGLAS, M.S., prof.; D'YACHENKO, V.V., dots.; ZLOBIN, I.D., prof.; KADYSHEV, L.A., dots.; KARNAUKHOVA, Ye.S., prof.; KOTOV, G.G., prof.; LEVITANUS, I.M., dots.; LIVSHITS, A.L., dots.; LYAPIN, A.P., prof.; MAKAROVA, M.F., prof.; MASLOV, P.P., prof.; SOMIN, M.Ya., doktor ekon.nauk; SOBOKIN, G.M.; STRUMILIN, S.G., akademik; TUMANOVA, L.V., dots.; TUROVTSEV, V.I., dots.; FIGURNOV, P.K., prof.; MOKHOVA, N.I., dots., red.; SHCHERBAKOVA, V.V., dots., red.; SHVEYTSEV, Ye.K., red.; MURASHOVA, V.A., tekhn. red.

[The economics of socialism] Politicheskaja ekonomija sotsializma. Izd.2., perer. Moskva, Gos.izd-vo "Vysshaja shkola," 1962. 614 p. (MIRA 16:3)

1. Chlen-korrespondent Akademii nauk SSSR (for Sorokin).
(Economics) (Communism)

MASLOV, P.T.

General formulae for the determination of standard heat capacities
of 3-thia-, 2-thiaalkanes, and alkane thiols. Khim.sera-i tsotorg.socd.
sod.v neft.i nefteprod. 3:115-120 '60. (MIRA 14:6) >

1. Leningradskiy voyenno-mekhanicheskiy institut.
(Sulfur organic compounds--Thermal properties)

BEZUGLOV, I.Ye.; KURDYUMOV, V.N., inzh.; V rabote prinimali uchastiye:
GABRILENKO, I.V.; GRABOVSKIY, I.I.; MESHCHADIM, A.G.; BELOBORODOV,
V.V.; VISHNEPOL'SKAYA, F.A.; MATSUK, Yu.P.; GAYTSKHOKI, N.I.;
USACHEV, A.S.; ABKINA, N.N.; RUMYANTSEVA, A.G.; KOSHELEV, A.P.;
GRIGOR'YEV, F.L.; LUKASHEVICH, A.M.; STYAZHKINA, A.G.; MIKHAYLOVICH,
A.N.; YEDEMSKIY, P.M.; MASLOV, P.V.; KUDRYASHEVA, Z.P.; PROSMUSHKIN,
R.M.; SHTAL'BERG, V.A.; BOYTSOV, N.I.

Operational experience with a newly introduced oil-extraction line
equipped with the DS-70 belt-conveyer extractor. Masl.-shir.prom.
26 no.3:29-31 Mr '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut shirov (for
Bezuglov, Gabrilenko, Grabovskiy, Meshchadin, Beloborodov,
Vishnepol'skaya, Matsuk and Gaytskhoki). 2. Leningradskiy
shirovoy kombinat (for Kurdyumov, Usachev, Abkina, Rummyantseva,
Koshelev, Grigor'yev, Lukashevich, Styazhkina, Mikhaylovich,
Yedemskiy, Maslov, Kudryasheva, Prosmushkin). 3. Leningradskoye
otdeleniye tresta "Prodmontazh" (for Shtal'berg and Boytsov).
(Leningrad--oils and fats)
(Extraction apparatus)

MASLOV, P.V.; KOMAROV, V.A.

Catalytic ketonization of C₅ - C₁₀ normal primary alcohols.
Zhur.prikl.khim. 38 no.3:697-699 Mr '65.

(MIRA 18:11)

1. Submitted Febr. 7, 1964.

VASIL'YEV, T.V.; MASLOV, P.Ye. (Moskva)

Effectiveness of vitamin B₁₂ in treating hemopoietic complications
in patients with syphilis. Vrach.delo no.2:201-202 P '56. (MLRA 9:7)

1. Otdel sifilidologii (saveduyushchiy professor M.A.Rosental)
TSentral'nogo koshno-venerologicheskogo insituta MZ SSSR
(SYPHILIS) (VITAMIN B₁₂) (BLOOD)

MASLOV, P.Ye

ROZENTUL, M.A., professor; VASIL'YEV, T.V., kandidat meditsinskikh nauk;
SOKOLIN, A.I., kandidat meditsinskikh nauk; MASLOV, P.Ye., kandidat
meditsinskikh nauk; PROSVICH, L.V., kandidat meditsinskikh nauk;
PAKHMANOVA, N.V. Pakhmanova, nauchnyy sotrudnik; KRAMAGANOVA, A.V.,
nauchnyy sotrudnik; PETRUSHINSKIY, S.I., vrach

Treatment of syphilis with econonovocillin. Sov.med. 20 no.7:24-28
Jl 156. (MLRA 9:10)

1. Iz otdela sifilidologii (zav. - prof. M.A.Rozentul) Tsentral'nogo
koshno-venerologicheskogo instituta (dir. - dotsent N.M.Turanov)
Ministerstva zdoravookhraneniya SSSR.

(SYPHILIS, ther.

procaine penicillin G with ekmolin)

(PENICILLIN, rel. cpds.)

procaine penicillin G with ekmolin in ther. of syphilis)

MASLOV, P.Ye.; ROBUSTOV, G.V.; TURANOV, N.M.

Prevention, symptoms, and treatment of syphilis of the nervous system.
Vest.ven. i derm. 30 no.5:37-42 S-0 '56. (MLRA 9:12)

1. Iz otdela sifilidologii (sav. - prof. M.A.Rozental) Tsentral'nogo
koshno-venerologicheskogo instituta (dir. - kandidat meditsinskikh
nauk N.M.Turanov) Ministerstva zdavookhraneniya RSFSR.
(NEUROSYPHILIS, prev. and control)

MASLOV, P.Ye., kand. med. nauk.

An antihistamine preparation in dermatological practice. Sov. med.
21 no.7:115-117. J1 '57.. (MIRA 12:3)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo kozhno-venereologicheskogo instituta Ministerstva zdavookhraneniya BSFSR (dir. - dots. N.M. Turanov).

(SKIN DISEASES, ther.

5-benzyl-1,2,3,4-tetrahydro 2-methyl-SH-pyrid_{4,3-b} (Bus)

(ANTIHISTAMINES, ther. & use

5-benzyl-1,2,3,4-tetrahydro-2-methyl-SH-pyrid_{4,3-b}indole
in skin dis. (Bus))

MASLOV, P. Ye.

MASLOV, P. Ye., kandidat meditsinskikh nauk; PETRUSHEVSKIY, S. I.;
BELYAKOVA, A. G.

New Russian water-soluble bismuth preparation, pentabismol, in the treatment of syphilis [with summary in English]. Vest.derm. i ven. 31 no.3:32-35 My-Je '57. (MIRA 10:11)

1. Iz otdela sifilidologii (zav. - prof. M.A.Rozental) Tsentral'nogo koshno-venerologicheskogo instituta (dir. - kandidat meditsinskikh nauk N.M.Taranov) Ministerstva zdavookhraneniya RSFSR i klinicheskoy koshno-venerologicheskoy bol'nitay imeni Korolenko (glavnyy vrach - zasluzhennyy vrach RSFSR V.P.Nikolayev)

(SYPHILIS, therapy,
pentabismol (Rus))

(BISMUTH, therapeutic use,
syphilis, water-soluble prep. pentabismol (Rus))

USSR/Pharmacology - Toxicology - Chelating Agents.

V

Abs Jour : Ref Zhur Biol., No 4, 1959, 18646

Author : Vasil'yev, T.V., Maslov, P.Ye.

Inst : -

Title : The Application of Vitamin B₁₂ in Some Complications of the Hemopoietic System in Patients with Syphilis.

Orig Pub : Vestn. dermatol. i venerol., 1958, No 4, 45-48

Abstract : No abstract.

Card 1/1

- 37 -

ROZENTUL, M.A., prof.; VASIL'YEV, T.V., kand.med.nauk; MASLOV, P.Ya., kand.med.nauk; ROBUSTOV, G.V., kand.med.nauk; SOKOLIN, A.I., kand.med.nauk; RAKHMANOVA, N.V., nauchnyy sotrudnik; KHAMAGANOVA, A.V., nauchnyy sotrudnik; PETRUSHEVSKIY, S.I., vrach; FUNGUSKOVA, A.P., vrach; VELICHKO, E.V., vrach; GLOBUS, R.E., vrach; GOL'DENBERG, M.M., vrach.

Combined treatment of syphilis with several antibiotics [with summary in English]. Vest.derm. i ven. 32 no.1:42-47 Ja-P '58.

(MIRA 11:4)

1. Iz otdela sifilidologii (zav.-prof. M.A.Rozentul) Tsentral'nogo kozhno-venerologicheskogo instituta (dir.-kandidat meditsinskikh nauk N.M.Turanov) Ministerstva zdravookhraneniya RSFSR. 2. Bol'nitsa imeni Korolenko (for Petrushevskiy)

(SYPHILIS, ther.

antibiotics in combination (Rus)

(ANTIBIOTICS, ther. use

syphilis, combined antibiotics (Rus)

VASIL'EV, T.V., kand.med.nauk, MASLOV, P.Ye., kand.med.nauk

Use of vitamin B12 in certain hemopoietic complication in syphilis
[with summary in English]. Vest.derm. i ven. 32 no.4:45-48
Jl-Ag '58 (MIRA 11:10)

1. Iz otdela sifilidologii (zav. - prof. M.A. Rozentul) Tsentral'nogo
nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta
(dir. - dots. N.M. Turanov) Ministerstva zdravookhraneniya SSSR.

(SYPHILIS, therapy

anti-syphilis drugs causing anemia, vitamin B12
ther. (Rus))

(ANEMIA, etiol. & pathogenesis,

anti-syphilis drugs, vitamin B12 ther. (Rus))

(VITAMIN, B12, ther.

anemia caused by anti-syphilis drugs (Rus))

ROZENTUL, M.A.; VASIL'YEV, T.V.; MASLOV, P.Ye;

Results of the use of the vitamin P preparation (a catechin complex)
in some skin diseases. Vit. res. i ikh isp. no.4:259-264 '59.

(MIRA 14:12)

1. Tsentral'nyy nauchno-issledovatel'skiy kozhno-venerologicheskiy
institut Ministerstva zdravookhraneniya RSFSR, Moskva.
(VITAMINS--P) (SKIN--DISEASES)

MASLOV, P.Ye., kand. med. nauk

Universal toxicoderma due to pyramidon. Vest. derm. i ven. 33 no.2:
81-82 Mr-Apr '59. (MIRA 12:7)

1. Iz Tsentral'nogo kozhno-venerologicheskogo instituta.
(SKIN--DISEASES) (AMINOPYRINE)

MASLOV, P.Ye., kand.med.nauk

Rutin. Zdorov'e 6 no.9:31 S '60.
(RUTIN)

(MIRA 13:8)

MASLOV, P.Ye., kand.med.nauk

Antihistaminic preparation diprazine in pruritic dermatoses in children. Vest.derm. i ven. 3/4 no.2:78-80 P '60.

(MIRA 13:12)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo instituta (direktor - kand.med.nauk N.M.Turanov) Ministerstva zdravookhraneniya RSFSR i iz klinicheskoy kozhno-venerologicheskoy bol'nitsy imeni Korolenko (glavnyy vrach A.I.Pustovaya).

(PROMETHAZINE ther.)

(PRURITUS ther.)

MASLOV, P.Ye.; BELYAKOVA, A.G.

Clinical aspects, treatment, and prevention of Leiner's erythro-
derma desquamativum. Vest.derm.i ven. 34 no.10:43-48 '60.

(MIRA 13:11)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerologi-
cheskogo instituta (nav. otdelom - prof. M.A. Rosentul, dir.
instituta - kand.med.nauk N.M. Turanov) Ministerstva zdravookhra-
neniya RSFSR i iz klinicheskoy kozhno-venerologicheskoy bol'nitsy
imeni Korolenko (glavnyy vrach - A.I. Pustovaya).

(SKIN---DISEASES)

ROZENTUL, M.A.; VASIL'YEV, T.V.; YEGOROV, G.I.; MASLOV, P.Ye.; KHAMAGANOVA,
A.V.; RAKHMANOVA, N.V.

Treatment of syphilis with bicillin-3. Antibiotiki 6 no.9:36-41
S '61. (MIRA 15:2)

1. Otdel sifilidologii Tsentral'nogo kozhno-venerologicheskogo instituta
Ministerstva zdravookhraneniya RSFSR.
(SYPHILIS) (BICILLIN)

ROZENTUL, M.A., prof.; VASIL'YEV, T.V.; YEGOROV, G.I.; MASLOV, P.Ya.;
RAKHMANOVA, N.V.; KHAMAGANOVA, A.V.; SHOGINA, M.P.

Bicillin-3 in the treatment of syphilis. Vest.derm.i ven.
no.11:35-39 '61. (MIRA 14:11)

1. Iz otdela sifilidologii (zav. - prof. M.A. Rozentul) Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. - dotsent N.M. Turanov) Ministerstva zdravookhraneniya RSFSR.

(SYPHILIS) (BICILLIN--THERAPEUTIC USE)

ECZENTUL', M.A., prof.; STUDNITSIN, A.A., prof.; MASLOV, P.Ye., starshiy nauchnyy sotrudnik; RAKHMALEVICH, Ye.M., ~~nauchnyy~~ sotrudnik; KHAMAGANOVA, A.V., mladshiy nauchnyy sotrudnik; IVANOVA, N.K., mladshiy nauchnyy sotrudnik; KHRUNOVA, A.P., mladshiy nauchnyy sotrudnik; BEL'YAKOVA, A.G., vrach; ZATURENSKAYA, P.I., vrach

Pathogenesis and treatment of eczema and neurodermatitis in children. Vest.derm.i ven. no.12:3-8 '61. (MIRA 15:1)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo kozhno-venereologicheskogo instituta (dir. - kand.med.nauk N.M. Turanov) i iz Bol'nitsy imeni Korolenko (glavnyy vrach A.I. Pustovaya).
2. Bol'nitsa imeni Korolenko (for Bel'yakova i Zaturenskaya).
(ECZEMA) (SKIN—DISEASES)

ROZENTUL, M.A., prof.; VASIL'YEV, T.V., kand.med.nauk; YEGOROV, G.I.,
kand.med.nauk; MASLOV, P.Ye., kand.med.nauk; KHAMAGANOVA, A.V.,
kand.med.nauk; RAKHMANOVA, R.V.

Treatment of syphilis with bicillin-1 and bicillin-3. Sov.med.
25 no.2:105-109 F '61. (MIRA 14:3)

1. Iz otdela sifilidologii (sav. - prof. M.A.Rozentul) Tsentral'nogo
koshno-venerologicheskogo instituta (direktor - kand.med.nauk N.M.
Turanov) Ministerstva zdravookhraneniya RSFSR.
(SYPHILIS) (PENICILLIN)

MASLOV, P.Ye., kand.med.nauk

Use of vitamin A in ampules and dispersed forms in some skin diseases. Vest.derm.i ven. no.8:77-81 '62. (MIRA 15:9)

1. Iz Tsentral'nogo kozhno-venerologicheskogo instituta Ministerstva zdravookhraneniya RSFSR (dir. - kand.med.nauk N.M. Turanov, zav. otdelom - prof. M.A. Rozental).
(SKIN--DISEASES) (VITAMINS--A)

MASLOV, P.Ye., kand.med.nauk; ZATURENSKAYA, P.O., ordinator

Psoriasis in children. Sov.med. 25 no.1:105-110 Ja '62. (MIRA 15:4)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta Ministerstva zdavookhraneniya RSFSR (zav. otdelom - prof. M.A.Rozentul, dir. - kand.med.nauk N.M.Turanov) i iz klinicheskoy kozhno-venerologicheskoy bol'nitsy imeni V.G.Korolenko (glavnyy vrach A.I.Pustovaya).

(PSORIASIS)

STUDNITSIN, A.A. prof.; MASLOV, P.Ye.

Some recent data on the use of vitamins in dermatoses. Vest.
derm. i ven. 37 no.2:31-34 F'63. (MIRA 16:10)

1. Iz Tsentral'nogo kozhno-venerologicheskogo instituta
(dir. - dotsent N.M.Turanov) Ministerstva zdravookhraneniya
RSFSR i Klinicheskoy bol'nitsy imeni V.G.Korolenko.

PERSHIN, G.N., prof.; KRAFT, M.Ya., prof.; ROZENTUL, M.A., prof.;
POZHARSKAYA, A.M., starshiy nauchnyy sotrudnik;
MILOVANOVA, S.N., starshiy nauchnyy sotrudnik; BORODINA, G.M.,
starshiy nauchnyy sotrudnik; MASLOV, P.Ye., starshiy nauchnyy
sotrudnik; IVANOVSKAYA, Ye.A., mladshiy nauchnyy sotrudnik;
ARONSON, P.Yu., mladshiy nauchnyy sotrudnik; KANCHUKH, Sh.F.;
SHEYER, A.A.; ZALIOPO, M.P., spetsialist po moyushchim sredstva

Treatment of your hair with selenium sulfide soap. Izobr.
i rats. no.12:32-33 '63. (MIRA 17:2)

1. Zaveduyushchiy laboratoriyey khimioterapii infektsionnykh zabolevaniy Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta im. Ordzhonikidze (for Pershin).
2. Zaveduyushchiy laboratoriyey metalloorganicheskikh soeyedineniy Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta im. Ordzhonikidze (for Kraft).
3. Zaveduyushchiy otdelom Tsentral'nogo kozhno-venerologicheskogo instituta (for Rozentul).
4. Zaveduyushchiy laboratoriyey lekarstvennykh form Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta im. Ordzhonikidze (for Pozharskaya).
5. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskii institut im. Ordzhonikidze (for Milovanova, Borodina, Ivanovskaya, Aronson).
6. Tsentral'nyy kozhno-venerologicheskii institut (for Maslov).

*

ROZENTUL, M.A., prof.; STUDINTSIN, A.A., prof.; MASLOV, P.Ye., kand.med.nauk

Use of antibiotics in the treatment of skin diseases and syphilis
in children. Vest. dermat. i ven. no.2:41-44 '65.

(MIRA 18:10)

1. Tsentral'nyy kozhno-venereologicheskiiy institut Ministerstva
zdravookhraneniya SSSR, Moskva (direktor - kand.med.nauk N.M.
Turanov).

STUDNITSIN, A.A., prof.; MASLOV, P.Ye., kand. med. nauk

Use of vitamin B₅ (calcium pantothenate) in dermatovenereological practice. Sov. med. 28 no.6:125-127 Je '65. (MIRA 18:8)

1. Tsentral'nyy nauchno-issledovatel'skiy kozhno-venerologicheskii institut (direktor - dotsent N.M. Turanov; zamestitel' po nauchnoy chasti - prof. A.A. Studnitsin) Ministerstva zdravookhraneniya SSSR, Moskva.

MASLOV R.K.

KRASIL'NIKOV, Petr Kus'mich; MASLOV, Roman Platenovich; TSAENKO, A.P.,
redakter; BOBROVA, Ye.N. ~~tehnicheskii redakter~~

[Organization of shipper's special destination trains with
separate railroad car units; the work practice of the Uslovaya
section of the Moscow-Kursk-Donbas line] Organizatsiia
otpravitel'skikh marshrutov iz razresnennogo vagonopotoka;
opyt raboty Uslovskogo otdeleniia Moskovsko-Kursko-Donbasskoi
doregi. Moskva, Gos. transp. shkol-der. izd-vo, 1957.

23 p.

(Railroads--Making up trains)

(MIRA 10:4)

MASLOV, R.P., kand.tekhn.nauk

Determining the duration of freight car idleness at concentration
points. Zhel.dor.transp. 42 no.2:45-48 F '60. (MIRA 13:5)
(Railroads--Freight cars)

SMOL'YANINOV, S.I.; MASLOV, S.G.

Production of ore-melting fuels from shredded peat by the
briquetting method. Izv. SO AN SSSR no.6 Ser. tekhn. nauk no.2:
112-116 '64. (MIRA 17:10)

1. Tomskiy politekhnicheskiy institut.

MASLOV, S. F.

The PB-35 loader-bulldozer. Biul.tekh.-ekon.inform.Gos.nauch.-
issl.inst.nauch. i tekh.inform. no.10:62-63 '62.
(MIRA 15:10)

(Bulldozers)

MASLOV, S. F.

The MPG-1,7 machine. Biul. tekhn. ekon. inform. Gos. nauch.-issl.
inst. nauch. i tekhn. inform. no.12:22-23 '62. (MIRA 16:1)

(Feat machinery)

VASIL'CHENKO, I.V.; VORONTSOV, P.A.; DOVGALYUK, Yu.S.; MASLOV, S.I.

Methodology and apparatus for studying the boundary layer of the atmosphere from ships. Trudy GGO no.135:120-128 '62.

(MIRA 15:8)

(Atmosphere) (Meteorological instruments)

MASLOV, S.I.; KROKHIN, Ye.P.

Methods for attaching meteorographs on MI-1 and MI-4 helicopters.
Trudy GGO no.140:79-83 '63. (MIRA 16:12)

MASLOV, S.I.
CHECHULIN, A.S., dots. (Leningrad, Nevskiy pr., 22/24, kv. 161); SAZONOV, A.M.;
MASLOV, S.I.

Pancreatic necrosis following splenectomy [with summary in English].
Vest. khir. 80 no.2:72-77 F '58. (MIRA 11:3)

1. Iz 1-y kafedry khirurgii (i.o.zav.-dotsent A.S.Chechulin) i
kafedry operativnoy khirurgii (zav.-prof. A.P.Madein) Leningradskogo
gosudarstvennogo ordena Lenina instituta usovershenstvovaniya vrachey
im. S.M.Kirova.

(SPLEEN, surg.

excis. in portal hypertension, postop. pancreas
necrosis (Rus)

(PANCREAS, gangrene, after splenectomy in portal
hypertension (Rus)

(PORTAL HYPERTENSION, surg.

splenectomy, postop. pancreas necrosis (Rus)

MASLOV, S.I., kand.med.nauk

~~XXXXXXXXXX~~
Interrelation of the portal vein with pancreas. Sbor. nauch. trud.
GIDUV no. 14:113-115 '58. (MIRA 13:10)

1. Iz kafedry operativnoy khirurgii, Gosudarstvennogo instituta
dlya usovershenstvovaniya vrachev (zav. kafedroy prof. A.P.
Nadein).

(PORTAL VEIN) (PANCREAS)

MASLOV, S.I.

Arterial blood supply of the upper part of the duodenum. Vest.
khim. 84 no.3:63-68 Mr '60. (MIRA 13:12)
(DUODENUM—BLOOD SUPPLY)

ABRAKOV, L.V., kand. med. nauk; BLINOV, N.I., prof.; GADZHIYEV, S.A.,
prof.; GODUNOV, S.F., prof.; ZVORYKIN, I.A., prof.; ZEBOL'D,
A.N., prof.; KOROTKEVICH, N.S., dots.; MARLEY, Ye.F.; MASLOV,
S.I., kand. med. nauk; NADEIN, A.P., prof.; POSTNIKOV, B.M.,
prof.; ROZOV, V.I., prof.[deceased]; UGRYUMOV, V.M., prof.;
KHROMOV, B.M., prof.; UDERMAN, Nikolay Il'ich, red.; KHARASH,
G.A., tekhn. red.

[Manual on surgical interventions for surgeons of rural sec-
tional and district hospitals] Rukovodstvo po operativnym vme-
shatel'stvam dlia khirurgov sel'skikh uchastkovykh i raionnykh
bol'nits. Izd.2., ispr. i dop. Leningrad, Medgiz, 1963. 390 p.
(MIRA 16:7)

(SURGERY—HANDBOOKS, MANUALS, ETC.)

MASLOV, S.P.

RZHEVKIN, K.S.; SNNATOROV, K.Ya.; MASLOV, S.P.

Analysis of a junction-type transistor multivibrator. Radiotekh. i elektron. 2 no.9:1110-1118 S '57. (MIRA 10:10)

1. Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.

(Oscillators, Transistor)

BRUSENTOV, N.P.; ZHOGOLEV, Ye.A.; VERIGIN, V.V.; MASLOV, S.P.; TISHULINA,
A. M.

Small-size automatic digital computer "Setun'." Vest. Mosk. un.
Ser. 1: Mat., mekh. 17 no.4:3-12 JI-Ag '62. (MIRA 15:7)
(Electronic digital computers)

MASLOV, S.P.

109-9-3/15

AUTHORS: Rzhevkin, K.S., Senatorov, K.Ya., Maslov, S.P.

TITLE: Investigation of a Free-running Multivibrator Employing Junction Transistors (Issledovaniye mul'tivibratora na ploskostnykh poluprovodnikovykh triodakh)

PERIODICAL: Radiotekhnika i Elektronika, 1957, Vol.II, Nr 9, pp.1110 - 1118 (USSR)

ABSTRACT: The circuit investigated is a multivibrator with two grounded-emitter transistors, as shown in Fig.1. Analysis of the circuit is split into two stages: (1) The low frequency stage (slow transients) and (2) Fast transients (high frequency processes). During the first stage one of the transistors is closed, while the other is open and operates in the saturation region. The charging and recharging of the coupling capacitors of the circuits is regarded as a slow transient phenomenon. The main feature of the second stage is an avalanche-like change of the currents and voltages during which both transistors are operative. Evaluation of voltages at various points of the circuit is carried out under the following simplifying assumptions: (1) internal resistance of a saturated transistor is negligible in comparison with the external resistances of the circuit,

Card 1/5

109-9-3/15

Investigation of a Free-running Multivibrator employing Junction Transistors.

(2) a closed transistor can be represented as a series connection of the emitter and collector junctions, but during the calculations it is necessary to consider only the resistance of the collector junction r_{kc} , and (3) the changeover of a transistor from the nonconducting to the conducting state takes place when the potential of the base with respect to ground is zero. It is shown that the voltage at the base of the first transistor can be expressed by Eq. (1), from which the length of its pulse is given by:

$$T_1 = \frac{R_{G1} r_{kc1} C_1}{R_{G1} + r_{kc1}} \ln \frac{E_K}{E_K + V_{G1}} \quad (2)$$

Similarly, the duration of the pulse for the second transistor is given by:

Card 2/5

109-9-3/15

Investigation of a Free-running Multivibrator Employing Junction Transistors.

$$T_2 = \frac{R_{\sigma 2} r_{kc2} C_2}{R_{\sigma 2} + r_{kc2}} \ln \frac{E_k}{E_k + V'_{\sigma 2}} \quad (3)$$

The meaning of the various symbols in the above equations can be understood by reference to Fig.1. The changeover process (fast transients) is analysed under the following assumptions: (1) when the voltage at the base of a non-conducting transistor reaches zero, the parameters of both transistors instantly assume values such as are necessary to produce the regenerative action, (2) both transistors take part in the changeover and the speed of these processes is therefore dependent on the characteristics of both the transistors which operate as amplifiers, (3) only the coupling capacitance between the base of the transistor which is being closed and the collector of the transistor which is being opened is taken into account. Equivalent circuit of the multivibrator is then represented as shown in Fig.3 and it can be described by Eqs.(5), (6), (7) and (9). Solution of this system of equations with respect to the current i_{BX} is given by Eq.(10), where its various parameters are

Card 3/5

109-9-3/15

Investigation of a Free-running Multivibrator Employing Junction Transistors.

in the form given by Eqs. (11), (12) and (13), and $\alpha_{\beta 0}$ is the mean current amplification factor for the transistor operating in the grounded-emitter circuit. In most cases Eq. (10) can be simplified (see Eq. (14)), and it is then possible to determine the rise time of the fast transient t_{β} , which is given by Eq. (21). The above theory was

supplemented by experiments carried out on a multivibrator employing several types of junction transistors in which the capacitances C_1 and C_2 were varied from 750-10 000 pF.

Curves representing the amplitude of the base pulses as a function of the coupling capacitances are shown in Fig. 5, dependence of the base pulses on the supply voltage at fixed coupling capacitances is illustrated by Fig. 6 and the duration of the pulses as a function of the coupling capacitances is shown in Fig. 7. Application of the above theoretical and experimental results to the design of practical circuits is briefly outlined. There are 7 figures, 7 references, of which 3 are Slavic.

Card 4/5

109-9-3/15

Investigation of a Free-running Multivibrator Employing Junction Transistors.

ASSOCIATION: Physics Faculty of the Moscow State University
im. M.V. Lomonosov (Fizicheskiy Fakul'tet Moskovskogo
Gosudarstvennogo Universiteta im. M.V.Lomonosova)

SUBMITTED: February 20, 1957.

AVAILABLE: Library of Congress.

Card 5/5

SKULACHEV, V.P.; MASLOV, S.P.

Role of nonphosphorylating oxidation in thermoregulation. *Biokhimiia*
25 no.6 1105-1064 N-D '60. (MIRA 14:5)

1. Chair of Biochemistry, the State University, Moscow.
(BODY TEMPERATURE REGULATION) (OXIDATION, PHYSIOLOGICAL)

S/020/60/131/06/62/071
B011/B005

AUTHORS: Severin, S. Ya., Corresponding Member AS USSR, Skulachev, V. P.,
Maslov, S. P., Benediktov, I. I., Shestakov, V. G.

TITLE: A Thermoregulatory Separation Between Respiration and Phosphorylation

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 131, No. 6, pp. 1447 - 1450

TEXT: There are 2 ways of oxidation in the respiratory system: a) a phosphorylating way, and b) a way independent of phosphorylation. The functional role of the way which is not connected with the formation of energy-rich phosphates has not yet been clarified. In their paper, the authors studied the oxidative mechanism of the maintenance of a constant body temperature of a warm-blooded animal (pigeon) under a short action of cold. The oxidative phosphorylation was measured on mitochondria of the musculus pectoralis and the liver by the methods of Ref. 9 (with the cooperation of L. L. Kiseleva). The intensity of oxidation in vivo was determined by the oxygen consumption of the pigeon (for methods see Ref. 18). The feathers of the test pigeons were removed and kept for 10-180 min in a cooling chamber at -15° . If the pigeon was kept for a while at about 15° before the

Card 1/3

A Thermoregulatory Separation Between Respiration and Phosphorylation

S/020/60/131/06/62/071
B011/B005

test, a progressive hypothermia of the body occurred after 10-20 min already. Pigeons coming from an unheated room in winter endured - even without feathers - the cooling for many hours maintaining their body temperature at 40°. With pigeons kept in the warm, this ability could be developed artificially. This was possible by cooling a pigeon down to +30-35°, then interrupting the further cooling. A pigeon treated in this way kept its temperature of 40° for several hours in the cooling chamber after 1-2 days. Fig. 1 shows a typical experiment. The investigation of such pigeons showed a rapid stimulation of oxygen consumption in cooling. The coefficient P/O (ratio between phosphorylating and nonphosphorylating oxidation), measured on mitochondria of pigeons cooled once more (Table 1), showed that the first cooling of about 15-25 min led to hypothermia, whereas in the second cooling of 2.5 hours (2 days after the first one) the pigeon remained at about 40°. Table 1 shows that oxidation in the muscle is directed in such a manner that it takes place in the nonphosphorylating way: P/O is reduced to 10/57. This investigation was carried out by Yan Fu-yuy in the authors' laboratory. Table 2 shows that oxidation was nearly fully separated from phosphorylation in a cold-trained pigeon which was cooled once more. In a pigeon cooled for the first time, the coupling of oxidation to phosphorylation is widely maintained while the body temperature decreases. Such birds die of

Card 2/3

A Thermoregulatory Separation Between Respiration and Phosphorylation S/020/60/131/06/62/071
B01:/B005

hypothermia in the cooling chamber within 20-40 min. Trained pigeons stand it for several hours. The mentioned passing over simplifies considerably the respiratory function in the maintenance of body temperature. The separation of one type of oxidation from the other one forms, besides the increased O₂ consumption, a mechanism of urgent mobilization of heat. The rapidity of this separation indicates a perfect mechanism of thermoregulatory passing over of the oxidation ways within the muscles. The P/O ratio is supposed to be determined by the interaction of 2 opposite systems: a coupling and a separating system. The problem is being further investigated. There are 2 figures, 2 tables, and 18 references, 8 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova
(Moscow State University imeni M. V. Lomonosov)

SUBMITTED: January 23, 1960

Card 3/3

SEVERIN, S.Ye.; SKULACHEV, V.P.; KISELEV, L.L.; MASLOV, S.P.

Phosphorylating and nonphosphorylating oxidation in growing muscles.
Dokl. AN SSSR 134 no.6:1468-1471 O '60. (MIRA 13:10)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Chlen-
korrespondent AN SSSR (for Severin).
(OXIDATION, PHYSIOLOGICAL) (PHOSPHORYLATION)
(MUSCLE)

MASLOV, S.P. Prinsipalni uchastiy: MALKOVA, M.G.; KOSAREVA, Ye.A.;
SISAKYAN, N.M., akademik, glav. red.; BAYEV, A.A., zam.
glav. red.; SEVERIN, S.Ye., red. toma; VETROVA, I.B., red.
izd-va; GUSEVA, A.P., tekhn. red.

[Intracellular respiration: phosphorylating and nonphosphorylating oxidation reactions; symposium V] Vnutrikletochnoe dykhanie; fosforiliruiushchie i nefosforiliruiushchie reaktsii oksilenia; simpozium V. Moskva, Izd-vo Akad. nauk SSSR, 1962. 439 p. (Its Trudy) (MIRA 16:3)

1. International Congress of Biochemistry. 5th, Moscow, 1961.
2. Chlen-korrespondent Akademii nauk SSSR (for Severin).
(CELL METABOLISM) (PHOSPHORYLATION)

MASLOV, S.P.

Change in the type of respiration as a means of the adaptation of
homiothermic animals to the temperature of the environment. Vop.
ekol. 4:51-53 '62. (MIRA 15:11)

1. Gosudarstvennyy universitet, Moskva.
(Respiration) (Body temperature--Regulation)

44547

S/020/62/147/006/034/034
B144/B186

27.1120

AUTHORS: Severin, S. Ye, Corresponding Member AS USSR, Skulachev, V. P., Sivkova, V. G., Maslov, S. P.

TITLE: Separation of oxidation and phosphorylation in the warming-up period after hypothermia

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 147, no. 6, 1962; 1489 - 1492

TEXT: Oxidation and phosphorylation were studied in the mitochondria of the pectoralis muscle of doves. The doves were cooled for 1.5 hr to -17°C , then left at room temperature to warm up to 38°C , and killed. The methods of separating mitochondria and measuring the oxidation and phosphorylation were described earlier (Sootnosheniye okisljeniya i fosforilirovaniya v dykhatel'noy tsepi (Interrelations of oxidation and phosphorylation in the respiratory chain), Izd. AN SSSR, 1962; Biokhimiya, 25, 1058 (1960)). The tests showed that exclusion of phosphorylation does not affect the oxidation rate of succinic acid, but reduces markedly that of maleic acid owing to the loss in DNP in the mitochondria. The reduction in optical density from 6.9 to 5.2 and of the oxidation rate ratio between maleic and succinic acids from 0.88 to 0.21 indicate the structural change occurring
Card 1/2

S/020/62/147/006/034/034
B144/B186

Separation of oxidation and...

in the granules. By in vitro tests with addition of activators (oleic acid for free oxidation and serum albumin for phosphorylation) it was proved that the main changes occur in the posthypothermic phase. Further studies revealed that the reduction of the P/O index is reversible, in vivo as well as in vitro, in the latter case on addition of further activators. Phosphorylation is excluded during the time of the most rapid heat production in the body. The mechanism is still unclear but differs from that of long-term cold adaptation which is characterized by a particular form, still unknown, of free oxidation not inhibited by amytal, probably are free fatty acids the activators of amytal-sensitive free oxidation in the muscle during the warming-up period. There are 2 figures and 2 tables. ✓

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova
(Moscow State University imeni M. V. Lomonosov)

Card 2/2

SKULACHEV, V.P.; MASLOV, S.P.; SIVKOVA, V.G.; KALINICHENKO, L.P.;
MASLOVA, G.M.

Cold uncoupling of oxidation and phosphorylation in the muscles
of albino mice. Biokhimiia 28 no.1:70-79 Ja-F '63. (MIRA 16:4)

1. Chair of Animal Biochemistry, State University, Moscow.
(PHOSPHORYLATION) (OXIDATION, PHYSIOLOGICAL)
(COLD--PHYSIOLOGICAL EFFECT)

BR

ACCESSION NR: AP4022337

S/0301/64/010/001/0024/0027

AUTHOR: Maslov, S. P.; Ivashkina, I. N.

TITLE: In vivo investigation with amytal of the relation between free and nonphosphorylating respiration

SOURCE: Voprosy* meditsinskoy khimii, v. 10, no. 1, 1964, 24-27

TOPIC TAGS: phosphorylating respiration, free respiration, amytal administration, cold conditioned animal, gas exchange resistance

ABSTRACT: Free (nonphosphorylating) and phosphorylating respiration changes were investigated in vivo in white mice because literature data are based only on in vitro tissue culture investigations. White mice were conditioned to cold with subcutaneous injections of sodium amytal solution to withstand -15°C for 10 hrs. General gas exchange resistance to amytal was determined in a gas exchange chamber the first day after it was introduced and the day after conditioning to -15°C. Results show that the general gas exchange of animals conditioned to cold is three times more resistant to amytal than that of control animals. This result concurs with data obtained for

Card 1/2

ACCESSION NR: AP4022337

respiration changes in isolated muscle mitochondria. Amytal inhibits phosphorylating respiration but not free respiration in an intact organism. The use of amytal is recommended for respiration change analyses in in vivo investigations. "The authors take the opportunity to express their deep appreciation to S. Ye. Severin for his support during this study." Orig. art. has: 1 table.

ASSOCIATION: Biologo-pochvenyy* fakul'tet Moskovskogo gosudarstvenno-go universiteta im. M. V. Lomonosova (Biology-Soil Department of the Moscow State University)

SUBMITTED: 16Mar63

DATE ACQ: 19Feb64

ENCL: 00

SUB CODE: LS

NR REF SOV: 008

OTHER: 012

Card 2/2

MASLOV, S.P.; IVASHKINA, I.N.

Adaptation of white mice to low temperatures as a result of an acute periodical exposure to cold and accompanying changes of some physiological indices of energy metabolism in the body. Nauch. dokl. vys. shkoly; biol. nauki no.2:59-63 '65.

(MIRA 18:5)

1. Rekomendovana kafedroy zoologii pozvonochnykh Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

BRUSENTSOV, Nikolay Petrovich; MASLOV, Sergey Petrovich; ROZIN,
Vladlen Petrovich; TISHOLINA, Antonina Mikhailovna

["Setun'", a small digital computer] Malaia tsifrovaia
vychislitel'naia mashina "Setun'." Moskva, Izd-vo Mosk.
univ., 1965. 129 p. (MIRA 18:8)

S/020/62/147/004/005/027
B112/B186

167570
AUTHOR:

Maslov, S. Yu.

TITLE:

Transformation of arbitrary standard calculations into standard calculations of some special type

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 147, no. 4, 1962; 779 - 782

TEXT: A standard calculation \mathcal{R} is called a calculation over the alphabet A if the alphabet on which \mathcal{R} is based contains the alphabet A . Two calculations \mathcal{R}_1 and \mathcal{R}_2 are said to be equivalent with respect to the alphabet A if an A -word S can be derived in \mathcal{R}_1 then, and only then, if it can be derived in \mathcal{R}_2 . Two theorems derived in this paper show that it is possible to construct a standard calculation \mathcal{Q} in the alphabet $A \cup \{ \overline{A} \}$, which is equivalent to a given standard calculation \mathcal{P} over A with respect to A and has certain special properties. Three further theorems concern what are called local calculations containing a single axiom and derivation schemes of the following three types: (a) $\frac{aGr}{qG'r}$, (b) $\frac{aG}{qG'}$, (c) $\frac{Gr}{G'r}$. It is

Card 1/2

Transformation of arbitrary ...

S/020/62/147/004/005/027
B112/B186

shown possible to substitute local calculations ~~by~~ by local calculations ~~without~~ without the derivation schemes (b) and (c).

ASSOCIATION: Leningradskoye otdeleniye Matematicheskogo instituta im.
V. A. Steklova Akademii nauk SSSR (Leningrad Branch of the
Mathematical Institute imeni V. A. Steklov of the Academy of
Sciences USSR) 10

PRESENTED: June 19, 1962, by P. S. Novikov, Academician

SUBMITTED: June 12, 1962

Card 2/2

MASLOV, S.Yu.

Rigorous representability of sets by calculi. Dokl. AN SSSR
152 no.2:272-274 S '63. (MIRA 16:11)

1. Leningradskoye otdeleniye Matematicheskogo instituta
im V.A. Steklova AN SSSR. Predstavleno akademikom P.S. Novikovym.

MASLOV, S.Yu.

Some methods of representing a set in generation bases. Dokl. AN
SSSR 153 no.2:266-269 N '63. (MIRA 16:12)

1. Leningradskoye otdeleniye Matematicheskogo institut im. V.A.
Steklova AN SSSR. Predstavleno akademikom P.S.Novikovym.

1 18226-65 EWT(d)/7 Ph-4 IJP(c)/AFWL/ESD(dp)
ACCESSION NR: AP4049122

3/0020/04/159/001/0017/0020

AUTHORS: Maslov, S. Yu.

TITLE: The inverse method for establishing inference in classical calculation of predicates

SOURCE: AN SSSR. Doklady*, v. 159, no. 1, 1964, 17-20

TOPIC TAGS: mathematical predication, set theory, solution set. mathematical logic, metamathematics

ABSTRACT: The author discusses the inverse method of mathematical inference in classical mathematical "predicate" determination. The work is based in part on the

classical mathematical "predicate" determination. The work is based in part on the theorem of J. Herbrand (Recherches sur la théorie de la démonstration, Warsaw, 1930) and incorporates features introduced by N. A. Shanin in 1962 at a Leningrad seminar in mathematical logic. The work is the result of the author's method of "splitting" for inference of predicate formulas by conditions. The author adopted the same approach in his discourse. The concept of an n-member list vector is defined and conditions are set forth which determine whether the list is a solvent of a quantified formula F. The reducibility and fullness of the list are also defined. The splitting method is described as an inverse method because of the feature wherein its members are determined in reverse: each

Card 1/2

L 18226-65

ACCESSION NR: AP4049122

established member predicates the formation of the preceding member. The inference of a formula is gained through a process of finding successive favorable F-sets according to two rules given by the author. The iteration is stopped when an empty set is found, whereupon the irreducible F-list and inference is constructed. A numerical example is given. Additional discussion is devoted to joint inferences and to formulation of a solution algorithm based upon several solution classes.

art. has: 6 formulas

ASSOCIATION: Leningradskoye otdeleniye matematicheskogo instituta im. V. A. Steklova, Akademii nauk SSSR (Leningrad Branch, Mathematics Institute, Academy of Sciences USSR)

SUBMITTED: 12 May 64

ENCL: 00

SUB CODE: MA

NO REF SOV: 001

OTHER: 003

Card 2/2

MASLOV, S.Yu.; MINTS, G.Ye.; OREVKOV, V.P.

Insolvability in the constructive calculus of predicates of certain classes of formulae containing only one-place predicate variables.
Dokl. AN SSSR 163 no.2:295-297 J1 '65. (MIRA 18:7)

1. Leningradskoye otdeleniye Matematicheskogo instituta im. V.A. Steklova AN SSSR. Submitted January 9, 1965.

MASLOV, G.Ya.

Some properties of E.L. Post's apparatus of canonical computations.
Trudy mat. inst. 72:5-56 '64.

E.L. Post's "tag" problem. Ibid.:57-68

(MIRA 18:9)

MASLOV, T.M. and CHEBOTAREV, R.S.

"Mass sanitation of horse population from strongyloidosis,
parascariasis and gastrophilosis."
SO: Veterinariia 25(4), 1948, p. 16

A 30 g dose of phenothiazine monthly is extremely effective in the case of strongilidosis invasions, and is given with fodder. Parascaridosis is not affected and requires a separate treatment with CS₂ (carbon bisulfide).
-B-18840 (no further information therein) 2 Aug 1950, p7

PUNCHED

SHPOVALOV, S.T.; SOKAL'SKIY, A.M.; MASLOV, T.M., veterinarnyy vrach

Case of enzootia of malignant catarrhal fever in cattle.
Veterinariia 36 no.9:37-38 S '59. (MIRA 12:12)

1. Nachal'nik veterinarnogo otdela Ternopol'skogo oblsel'khozupravleniya
(for Shpovalov). 2. Glavnyy veterinarnyy vrach Trembovlyanskogo rayona
(for Sokal'skiy).

(Cattle--Diseases and pests)

MASLOV, V.

Factory committee and public inspection. Obshchestv. pit. no.4:
39-40 Ap '63. (MIRA 16t6)

1. Predsedatel' zavodskogo komiteta Kirovskogo zavoda,
Leningrad.

(Trade unions)

(Food adulteration and inspection)